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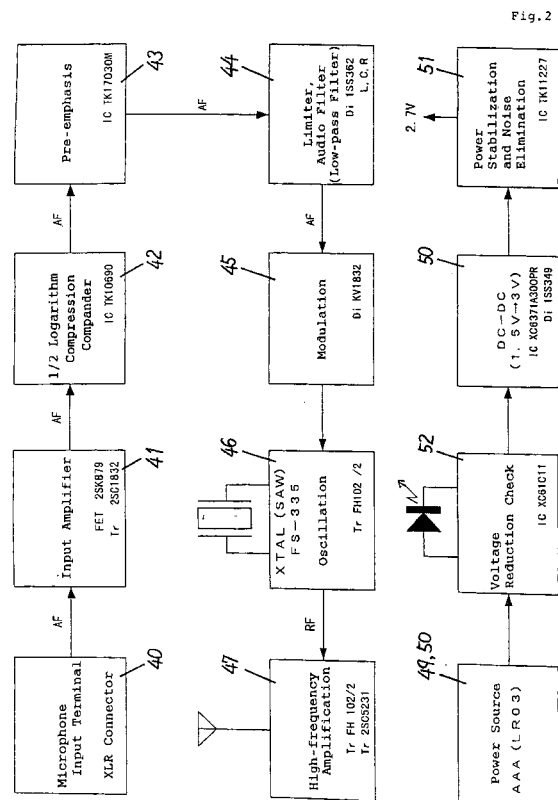
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(54) **Wireless microphone apparatus and transmitter device for wireless microphone**

(57) The present invention provides a compact and lightweight wireless microphone (31, 21) wherein the transmitter device for wireless microphone comprises connector means (40) for making connection to a microphone (31) from which a voice signal is received, low-frequency amplification means (41) for amplifying the voice signal, surface acoustic wave oscillation means (46) for outputting a high-frequency oscillation signal, modulation means (45) for performing frequency modulation of the high-frequency oscillation signal by the amplified voice signal, high-frequency amplification means (41) for amplifying a high-frequency modulation signal modulated, antenna means for radiating a high-frequency output signal amplified by radio waves, and power source means (49, 50) for supplying electric power of a predetermined voltage.





European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number  
EP 00 30 9595

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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			H04B
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 10 July 2003	Examiner Kolbe, W
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons &amp; : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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EP 00 30 9595

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
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